

FORM PTO-1390 (Modified)  
(REV 10-95)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

1787

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

**09/980991**INTERNATIONAL APPLICATION NO.  
**PCT/DE 00/01342**INTERNATIONAL FILING DATE  
**APRIL 28, 2000**PRIORITY DATE CLAIMED  
**JUNE 19, 1999**

## TITLE OF INVENTION

**PIEZOELECTRIC ELEMENT WITH A MULTI-LAYER STRUCTURE OF PIEZOELECTRIC PLIES, AND A METHOD FOR PRODUCING IT**

## APPLICANT(S) FOR DO/EO/US

**Bertram SUGG, Friedrich BOECKING**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ A copy of the International Search Report (PCT/ISA/210).
8. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 13 to 18 below concern document(s) or information included:**

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.  
A **SECOND** or **SUBSEQUENT** preliminary amendment.
16. ☐ A substitute specification.
17. ☐ A change of power of attorney and/or address letter.
18. ☒ Certificate of Mailing by Express Mail
19. ☐ Other items or information:

**ET 755324623 US**

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20. The following fees are submitted:

**BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5) ) :**

- ☐ Search Report has been prepared by the EPO or JPO ..... \$930.00
- ☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) ..... \$720.00
- ☐ No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... \$790.00
- ☒ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$1,070.00
- ☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) ..... \$98.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$890.00

Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)). ☐ 20 ☐ 30

\$0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	8 - 20 =	0	x \$18.00
Independent claims	1 - 3 =	0	x \$80.00
Multiple Dependent Claims (check if applicable).			<input type="checkbox"/>

\$0.00

\$0.00

\$0.00

**TOTAL OF ABOVE CALCULATIONS =**

\$890.00

Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). ☐

\$0.00

**SUBTOTAL =**

\$890.00

Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)). ☐ 20 ☐ 30 +

\$0.00

**TOTAL NATIONAL FEE =**

\$890.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). ☒

\$40.00

**TOTAL FEES ENCLOSED =**

\$930.00

Amount to be:  
refunded \$  
charged \$

☐ A check in the amount of to cover the above fees is enclosed.

☒ Please charge my Deposit Account No. 19-4675 in the amount of \$930.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.

☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 19-4675 A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

STRIKER, STRIKER & STENBY  
103 EAST NECK ROAD  
HUNTINGTON, NEW YORK 11743

SIGNATURE

MICHAEL J. STRIKER

NAME

27233

REGISTRATION NUMBER

DECEMBER 6, 2001

DATE

U.S. NATIONAL

09/9809 1

WORKSHEET (1)

Vivian M. Wallace  
Paralegal Specialist

PL. NO.

INTERNATIONAL APPL.

DEC 01/01342

ATION FILED BY: 20 MOS.,

OR 30 MOS.,

SCREENED BY

## NATIONAL APPLICATION PAPERS IN THE APPLICATION FILE:

national application

le 19 amendments

ty Document(s) No.

est Form PCT/RO/101

/IB/302

/IB/304

/IB/306

/IB/308

/IB/331

ER PCT/IB/

IPEA/409 also 416

☒ 409 annexes to IPER  
☐ PCT/ISA/210 (Search report)  
☒ Search report References  
☐ Other Papers filed

WIPO PUBLICATION  
 PUBLICATION NO. WO  
 PUBLICATION DATE  
 PUBLICATION LANG.,

NOT PUBLISHED

U.S. only

Requested

## ED FROM THE APPLICANT: (other than checked above)

al application basic fee paid

Processing Requested

ation of the International Application

he IB copy of the IA

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Language in drawing

19 Amendments

ment used in application

34 Amendment

ment used in application

ansaction done

☒ Preliminary Amendment(s) filed 06 DEC 2001  
☒ second submission  
☒ Information Disclosure Statement  
☒ second submission 06 DEC 2001  
☒ Assignment  
☐ Forward to Assignment Branch  
☐ Substitute Specification  
☐ Small Entity Statement  
☐ type  
☒ Oath/Declaration (date submitted 06 DEC 2001)  
☒ Not executed  
☒ Executed  
☐ Power of Attorney  
☐ Change of Address

Receipt of Request (PTO - 1399 Transmittal Letter)

06 DEC 2001

eptable oath/declaration received

06 DEC 2001

ite

plete 35 USC 371 requirements met

06 DEC 2001

06 DEC 2001

DATE NOTICE COMPLETED

03 Notice of Acceptance

05 Notice of Missing Requirements

17 Notice of A defective oath or declaration

16 Notice of defective response

13 Notice of defective translation

19 Notification of Abandonment

PATENT APPLICATION SERIAL NO. 09/980991

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

12/13/2001 UEDUVIJE 00000275 194675 09980991

01 FC:970 890.00 CH